

Applicants : Alexander Gad and Dora Lis
Serial No. : Not Yet Known(Continuation of U.S. Serial
No. 09/816,989, filed March 32, 2001)
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REMARKS

Claims 1-122 were pending in the subject application. By this Preliminary Amendment, applicants have canceled claims 1-122 and added new claims 123-164. Accordingly, claims 123-164 are presented for examination.

Support for the amendment to page 3 lines 13-27 of specification may be found in U.S. Patent No. 5,800,808, which was incorporated by reference into the subject application pursuant to M.P.E.P. §§ 608.01(p) and 2163.07(b). A copy of U.S. Patent No. 5,800,808 is attached herewith as **Exhibit A**.

Support for the amendment to page 3, line 28 and ends on page 4, line 4 may be found in Superose 12 Prep Grade Instructions which illustrates the state of the art of Superose 12 which was incorporated by reference into the subject application pursuant to M.P.E.P. §§ 608.01(p) and 2163.07(b). A copy of Superose 12 Prep Grade Instructions is attached herewith as **Exhibit B**.

Support for the amendment to pages 7-8, may be found, *inter alia*, in Figures 1a-d of the subject specification.

Support for the amendment to page 14, Table 1 may be found on page 22, lines 7-9, page 14, lines 5-15 and page 23, lines 1-30 of the subject specification. Specifically, page 22, lines 7-9 of the subject specification indicates that when a polypeptide is designated by a TV-##, the ## refers to the number of amino acids in the polypeptide, thus suggesting that the TV-## for each SEQ. ID. NO. may be

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discerned by counting the number of amino acids. Further proof may be found in the correlation of Table 1 on page 14, lines 5-15 of the subject specification with Table 2 on page 23, lines 1-30 of the subject specification. Both tables sequentially list polypeptides consisting of 35, 45, 56, 66, 77, 86 and 109 amino acids, which are denoted by their TV-##s in Table 2. For every TV-## listed in Table 2, the number of each type of amino acid comprising the polypeptide is equal to the number of amino acids of that type in the corresponding polypeptide listed under its SEQ. ID. NO. in Table 1. By correlating the TV-## from Table 2 with its corresponding SEQ. ID. NO. from Table 1, one of skill in the art would readily understand that SEQ ID NO. 1 is TV-35, SEQ ID NO. 2 is TV-45, SEQ ID NO. 3 is TV-56, SEQ ID NO. 4 is TV-66, SEQ ID NO. 5 is TV-77, SEQ ID NO. 6 is TV-86 and SEQ ID NO. 7 is TV-109.

Support for the amendment to page 23, may be found, *inter alia*, in Figures 1a-d of the subject specification.

Support for the amendment to page 56, may be found, *inter alia*, on page 4, lines 17-20, page 15, lines 15-22 and page 46, lines 7-10 of the subject specification.

Support for new claim 123 may be found *inter alia* on page 3, lines 28-30 of the subject application.

Support for new claim 124 may be found *inter alia* on page 3, lines 28-30 of the subject application.

Support for new claim 125 may be found *inter alia* on page 3, line 17 of the subject application.

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Support for new claim 126 may be found *inter alia* on page 3,
lines 18-19 of the subject application.

Support for new claim 127 may be found *inter alia* in the
amendment to pages 3 and 4 of the subject application.

Support for new claim 128 may be found *inter alia* on page 3,
lines 30-31 of the subject application.

Support for new claim 129 may be found *inter alia* on page
12, line 10-14 of the subject application.

Support for new claim 130 may be found *inter alia* on page
23, line 6 of the subject application.

Support for new claim 131 may be found *inter alia* on page
13, line 25 to page 24, line 15 of the subject application.

Support for new claim 132 may be found *inter alia* on page
13, line 25 to page 24, line 15 of the subject application.

Support for new claim 133 may be found *inter alia* in column
2, lines 40-43 of U.S. Patent No. 5,800,808, the relevant
text of which has been incorporated into the subject
application by this amendment and on page 32, lines 15-16 of
the subject application.

Support for new claim 134 may be found *inter alia* on page 3,
lines 28-30 of the subject application.

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Support for new claim 135 may be found *inter alia* on page 3,
lines 28-30 of the subject application.

Support for new claim 136 may be found *inter alia* on page 3,
line 17 of the subject application.

Support for new claim 137 may be found *inter alia* on page 3,
lines 18-19 of the subject application.

Support for new claim 138 may be found *inter alia* in the
amendment to pages 3 and 4 of the subject application.

Support for new claim 139 may be found *inter alia* on page 3,
lines 30-31 of the subject application.

Support for new claim 140 may be found *inter alia* on page
12, line 10-14 of the subject application.

Support for new claim 141 may be found *inter alia* on page
23, line 6 of the subject application.

Support for new claim 142 may be found *inter alia* on page
13, line 25 to page 24, line 15 of the subject application.

Support for new claim 143 may be found *inter alia* on page
13, line 25 to page 24, line 15 of the subject application.

Support for new claim 144 may be found *inter alia* in column
2, lines 40-43 of U.S. Patent No. 5,800,808, the relevant
text of which has been incorporated into the subject
application by this amendment and on page 32, lines 15-16 of
the subject application.

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Support for new claim 145 may be found *inter alia* on page 3,
lines 28-30 of the subject application.

Support for new claim 146 may be found *inter alia* on page 3,
lines 28-30 of the subject application.

Support for new claim 147 may be found *inter alia* on page 3,
line 17 of the subject application.

Support for new claim 148 may be found *inter alia* on page 3,
lines 18-19 of the subject application.

Support for new claim 149 may be found *inter alia* in the
amendment to pages 3 and 4 of the subject application.

Support for new claim 150 may be found *inter alia* on page 3,
lines 30-31 of the subject application.

Support for new claim 151 may be found *inter alia* on page
12, line 10-14 of the subject application.

Support for new claim 152 may be found *inter alia* on page
23, line 6 of the subject application.

Support for new claim 153 may be found *inter alia* on page
13, line 25 to page 24, line 15 of the subject application.

Support for new claim 154 may be found *inter alia* on page
13, line 25 to page 24, line 15 of the subject application.

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Support for new claim 155 may be found *inter alia* on page 3,
lines 28-30 of the subject application.

Support for new claim 156 may be found *inter alia* on page 3,
lines 28-30 of the subject application.

Support for new claim 157 may be found *inter alia* on page 3,
line 17 of the subject application.

Support for new claim 158 may be found *inter alia* on page 3,
lines 18-19 of the subject application.

Support for new claim 159 may be found *inter alia* in the
amendment to pages 3 and 4 of the subject application.

Support for new claim 160 may be found *inter alia* on page 3,
lines 30-31 of the subject application.

Support for new claim 161 may be found *inter alia* on page
12, line 10-14 of the subject application.

Support for new claim 162 may be found *inter alia* on page
23, line 6 of the subject application.

Support for new claim 163 may be found *inter alia* on page
13, line 25 to page 24, line 15 of the subject application.

Support for new claim 164 may be found *inter alia* on page
13, line 25 to page 24, line 15 of the subject application.

Applicants maintain that the amendments to pages 3-4, 7, 14
and 56 of the specification and new claims 123-164 raise no